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031004

U.S.PTO

PRAXAIR TECHNOLOGY, INC.  
 Law Department  
 Patent Section M1-557  
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22856 U.S.PTO  
 10/796112

031004

Docket No. D-21396

**Mail Stop Patent Applications**  
 Director of the United States Patent  
 and Trademark Office  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Transmitted herewith for filing is the UTILITY PATENT APPLICATION under 37 C.F.R. §1.53(b) of:

First Inventor Arun Acharya

Title of invention LOW FREQUENCY PULSE TUBE SYSTEM WITH OIL-FREE DRIVE

1.  Cancel Claims: \_\_\_\_\_

Filing Fee, calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT					
	NUMBER <u>FILED</u>	NUMBER <u>EXTRA</u>	\$ <u>RATE</u>	\$ <u>RATE</u>	FEE <u>CODE</u>
Basic fee				770	101
Total claims	<u>11</u> - 20	<u>0</u>	x <u>18</u> = <u>0</u>	0	103
Independent claims	<u>2</u> - 3	<u>0</u>	x <u>86</u> = <u>0</u>	0	102
Multiple dependent claims(s) per Application (if applicable)			+ <u>290</u> = <u>0</u>	0	104
Total filing fee \$ <u>770</u>					

The Commissioner is hereby authorized to charge the following fees, and credit any overpayment to Deposit Account No. 16-2440 (a **duplicate copy** of this Sheet is enclosed for this purpose):

- a.  Filing Fees required under 37 C.F.R. §1.16
- b.  Processing Fees required under 37 C.F.R. §1.17
- c.  Issue Fees required under 37 C.F.R. §1.18

2.  Specification Total Pages: 14

3.  Informal  Formal drawings. Total Sheets: 2

4. a.  New Declaration (Signed) X (Unsigned) \_\_\_\_\_

b.  Copy from a prior application (37 C.F.R. §1.63(d))

i. DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application,  
 see 37 C.F.R. §(d)(2) and 1.33(b)

5.  Incorporation By Reference (usable if Box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6.  Microfiche.
7.  Sequence Submission.
8.  An Assignment transmittal letter and document or  Assignment in parent case was recorded \_\_\_\_\_ Reel, Frame(s) \_\_\_\_\_.
9.  A Power of Attorney executed by the  Inventor(s),  Assignee (with 37 C.F.R. 3.73(b) Statement)
10.  English Translation.
11.  An Information Disclosure Statement.
  - A list of references (Form PTO-1449).
  - Copies of references.
12.  Preliminary Amendment.
13.  Postcards.
14.  Other (specify).

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15.  Prior application information: Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

16. Claim for Priority Under 35 U.S.C. 120:  
 The benefit under 35 U.S.C. 120 is hereby claimed from the United States application(s) Serial No. \_\_\_\_\_ filed \_\_\_\_\_.

17. Claim for Priority Under 35 U.S.C. 119:  
 The benefit of priority under 35 U.S.C. 119 is hereby claimed from the following foreign application(s):  
 Certified copy of Priority Document(s).

18. Please address all correspondence in connection with this application to Customer No. 27182:

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Stanley Ktorides  
Attorney's Name: Stanley Ktorides  
Registration No.: 29,399

Dated: MARCH 9, 2004

Our Ref.: D-21396